

REMARKS

Claims 1 and 3-14 are pending in this application. By this Amendment, claims 1 and 6 are amended. Claims 12-14 are added. Independent claim 1 is amended to incorporate some subject matter previously recited in allowable claim 6. Claim 12 recites the allowable subject matter of claim 3 rewritten in independent form. Claims 13 and 14 depend from claim 12 and reflect the subject matter of claims 10 and 11, respectfully. Thus, no new matter is added.

Entry of the amendments is proper under 37 CFR §1.116 since the amendments: (a) place the application in condition for allowance for the reasons discussed herein; (b) do not raise any new issue requiring further search and/or consideration as the amendments amplify issues previously discussed throughout prosecution; and (c) place the application in better form for appeal, should an appeal be necessary. Entry of the amendments is thus respectfully requested.

I. Allowable Subject Matter

The indication of allowable subject matter in claims 3, 6, 7 and 10 is appreciated, they being allowable if rewritten in independent form to include all of the features of their base claim and any intervening claims. Claims 3, 6, 7 and 10, as well as the remaining pending claims are in condition for allowance for the reasons discussed below.

II. Claim Rejections Under 35 U.S.C. §102

Claims 1, 4, 5, 8, 9 and 11 are rejected under 35 U.S.C. §102(e) as anticipated by U.S. Patent 6,866,359 to Pan et al. (Pan). The rejection is respectfully traversed.

Pan fails to disclose each and every feature recited in the rejected claims, as amended. For example, Pan fails to disclose an electronic device including a controlled part, comprising a first housing that includes the controlled part and a non-volatile first storage medium, the first storage medium stores control information regarding the controlled part, a controller that

is detachable from the first housing, reads the control information from the first storage medium when attached to the first housing and controls the controlled part based on the read control information, wherein the first housing includes a mechanical module and a drive source that provides a drive force to the mechanical module, and the controlled part is a driver circuit board of the drive source, wherein a power supply device capable of supplying drive power to the drive source while changing a current value or pulse width modulation duty value of the drive power, and a detector that detects a condition change of the mechanical module from a static condition to a dynamic condition, when the power supply device supplies the drive power to the drive source while changing the drive power, as recited in amended claim 1.

Pan relates to the measurement of print cartridge characteristics to improve and maintain print image quality (col. 1, lines 10-13). Pan includes accessing and using characteristics stored in a memory element on a printhead cartridge that are indicative of the performance of a plurality of jets (col. 2, lines 58-64). The memory element 78 may be a non-volatile memory that is affixed to the printhead cartridge 44. Information from the memory element 78 is communicated to a processor 52 that is integral with the inkjet printer 54 via a communication link 82 (col. 4, lines 18-50; Fig. 1).

It is alleged in the Office Action that the print cartridge 44 corresponds to the claimed first housing and that the printer housing corresponds to the claimed second housing that is detachable from the first housing (i.e., the cartridge being removable from the printer).

However, as admitted in the Office Action, Pan fails to disclose a first housing that includes an mechanical module and a drive source . . . wherein a power supply device capable of supplying drive power to the drive source while changing a current value or pulse width modulation duty value of the drive power, and a detector that detects a condition change of a mechanical module from a static condition to a dynamic condition, when the power supply

device supplies the drive power to the drive source while changing the drive power, as previously recited in claim 6, and now recited in amended claim 1. Thus, Pan fails to anticipate the rejected claims as amended. Accordingly, withdrawal of the rejection of claims 1, 4, 5, 8, 9 and 11 under 35 U.S.C. §102(e) is respectfully requested.

III. New Claims

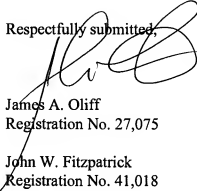
None of the applied references, whether considered alone or in combination, disclose or suggest each and every feature recited in claims 12-14. For example, the combination of references fails to disclose or suggest an electronic device including a controlled part, comprising a first housing that includes the controlled part and a non-volatile first storage medium, the first storage medium stores control information regarding the controlled part; and a controller that is detachable from the first housing, reads the control information from the first storage medium when attached to the first housing and controls the controlled part based on the read control information, wherein the first housing includes a mechanical module and a drive source that provides a drive force to the mechanical module, and the controlled part is a driver circuit board of the drive source, wherein the mechanical module includes a guide shaft, a carriage that reciprocates along the guide shaft, a recording head mounted on the carriage, and a transmission device that transmits the drive force from the drive source to the carriage.

IV. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

John W. Fitzpatrick
Registration No. 41,018

JAO:JWF/ldg

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OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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